RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	09/699.667E
Source:	1FW16
Date Processed by STIC:	1/4/05

ENTERED



IFW16

RAW SEQUENCE LISTING DATE: 01/04/2005 PATENT APPLICATION: US/09/699,667E TIME: 09:34:59

Input Set : A:\85761-25.ST25.txt

Output Set: N:\CRF4\01042005\1699667E.raw

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           Ananvoranich, Sirinart
           Lafontaine, Daniel
   7 <120> TITLE OF INVENTION: Nucleic Acid Enzyme for RNA Cleavage
   9 <130> FILE REFERENCE: 258/235
  11 <140> CURRENT APPLICATION NUMBER: US 09/699,667E
  12 <141> CURRENT FILING DATE: 2000-10-30
  14 <150> PRIOR APPLICATION NUMBER: CA 2,230,203
  15 <151> PRIOR FILING DATE: 1998-04-29
  17 <150> PRIOR APPLICATION NUMBER: PCT/CA1999/000391
  18 <151> PRIOR FILING DATE: 1999-04-29
  21 <160> NUMBER OF SEQ ID NOS: 66
  23 <170> SOFTWARE: PatentIn version 3.3
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11

DATE: 01/04/2005

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Input Set : A:\85761-25.ST25.txt Output Set: N:\CRF4\01042005\1699667E.raw 66 <210> SEQ ID NO: 3 67 <211> LENGTH: 11 68 <212> TYPE: DNA 69 <213> ORGANISM: Artificial Sequence 71 <220> FEATURE: 72 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide sequence comprised of ribonucleotides or a 74 combination of ribonucleotides and 75 deoxyribonucleotides 77 <220> FEATURE: 78 <221> NAME/KEY: misc feature 79 <222> LOCATION: (6) ... (11) 80 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other 82 <400> SEQUENCE: 3 -> 83 gggcgnnunn n 11 86 <210> SEQ ID NO: 4 87 <211> LENGTH: 11 88 <212> TYPE: DNA 89 <213> ORGANISM: Artificial Sequence 91 <220> FEATURE: 92 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide 93 sequence comprised of ribonucleotides or a 94 combination of ribonucleotides and deoxyribonucleotides 97 <220> FEATURE: 98 <221> NAME/KEY: misc feature 99 <222> LOCATION: (6) ... (11) 100 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other 102 <400> SEQUENCE: 4 -> 103 gggcgnnhnn n 11 106 <210> SEQ ID NO: 5 107 <211> LENGTH: 11 108 <212> TYPE: DNA 109 <213> ORGANISM: Artificial Sequence 111 <220> FEATURE: 112 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide sequence comprised of ribonucleotides or a 114 combination of ribonucleotides and 115 deoxyribonucleotides 117 <220> FEATURE: 118 <221> NAME/KEY: misc feature 119 <222> LOCATION: (6) ... (11) 120 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other 122 <400> SEQUENCE: 5 -> 123 gggugnnunn n 11 126 <210> SEQ ID NO: 6 127 <211> LENGTH: 12 128 <212> TYPE: DNA 129 <213> ORGANISM: Artificial Sequence

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PATENT APPLICATION: US/09/699,667E

DATE: 01/04/2005

PATENT APPLICATION: US/09/699,667E TIME: 09:34:59 Input Set : A:\85761-25.ST25.txt Output Set: N:\CRF4\01042005\I699667E.raw 131 <220> FEATURE: 132 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide 133 sequence comprised of ribonucleotides or a 134 combination of ribonucleotides and 135 deoxyribonucleotides 137 <220> FEATURE: 138 <221> NAME/KEY: misc feature 139 <222> LOCATION: (6) ... (12) 140 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other 142 <400> SEQUENCE: 6 -> 143 gggugnnenn nn 146 <210> SEQ ID NO: 7 147 <211> LENGTH: 11 148 <212> TYPE: DNA 149 <213> ORGANISM: Artificial Sequence 151 <220> FEATURE: 152 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide 153 sequence comprised of ribonucleotides or a combination of ribonucleotides and 154 155 deoxyribonucleotides 157 <220> FEATURE: 158 <221> NAME/KEY: misc_feature 159 <222> LOCATION: (6) ... (11) 160 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other 162 <400> SEQUENCE: 7 -> 163 aaacgnnunn n 11 166 <210> SEQ ID NO: 8 167 <211> LENGTH: 11 168 <212> TYPE: DNA 169 <213> ORGANISM: Artificial Sequence 171 <220> FEATURE: 172 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide sequence comprised of ribonucleotides or a 173 174 combination of ribonucleotides and 175 deoxyribonucleotides 177 <220> FEATURE: 178 <221> NAME/KEY: misc feature 179 <222> LOCATION: (6) ... (11) 180 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other 182 <400> SEQUENCE: 8 > 183 yhrhgnnhnn n 11 186 <210> SEQ ID NO: 9 187 <211> LENGTH: 11 188 <212> TYPE: RNA 189 <213> ORGANISM: Artificial Sequence 191 <220> FEATURE: 192 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA 193 sequence

RAW SEQUENCE LISTING

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PATENT APPLICATION: US/09/699,667E TIME: 09:34:59

Input Set : A:\85761-25.ST25.txt

Output Set: N:\CRF4\01042005\1699667E.raw

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RAW SEQUENCE LISTING DATE: 01/04/2005 PATENT APPLICATION: US/09/699,667E TIME: 09:34:59

Input Set : A:\85761-25.ST25.txt

Output Set: N:\CRF4\01042005\1699667E.raw

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/04/2005 PATENT APPLICATION: US/09/699,667E TIME: 09:35:00

Input Set : A:\85761-25.ST25.txt

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:6; N Pos. 6,7,9,10,11,12

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Seq#:63; N Pos. 20,21,22,23,24,25

Seq#:65; N Pos. 20,21,22,23,24,25

Seq#:65; N Pos. 20,21,22,23,24,25
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Seq#:1; N Pos. 1,2,6,7,9,10,11

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The rules require that a line not exceed 72 characters in length. This includes spaces.

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/04/2005 PATENT APPLICATION: US/09/699,667E TIME: 09:35:00

Input Set : A:\85761-25.ST25.txt

Output Set: N:\CRF4\01042005\1699667E.raw

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/699,667E

DATE: 01/04/2005 TIME: 09:35:00

Input Set : A:\85761-25.ST25.txt

Output Set: N:\CRF4\01042005\1699667E.raw

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L:63 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0
L:886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
L:907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
L:927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
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